

1	MVHVAYSLCLPMRRSERYLF	LNMA	YQQVHA	1691243										
1	MGRA	-----	MVVR	LGGL	LL	LA	-----	GI 1216498						
31	NIENSWNEEEVWR	IE	MYIS	FGIM	SLGL	LSL	1691243							
19	-----	LLPT	QIY	CNQ	TSVA	-PF	SGN	GI 1216498						
61	LAVTSIPSVSNAL	NWRE	FSFI	QSTL	GYVA	L	1691243							
38	QSI	SA	PN	TA	TRSG	CS	SL	QST	AG	LL	LA	1691243		
91	LIS	TFHV	LI	YG	WK	RA	FE	EE	YY	RY	TP	PN	FV	1691243
68	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	GI 1216498
121	LALVLP	SI	VI	LD	LL	QL	-	CRY	PD	1691243				
68	-----	-----	-----	SL	SL	HL	YC	GI 1216498						

FIGURE 1

1	MFL	- - - - -	PPVVLAI	RSRYVL	- - - - -	E	1999442
214	DQL	WVPLRWIA	PELV	DEVHGNLLV	VDQTKS		GI 2459993
1	MW	- - - - -	VV	FLTL	SVTWI	- - - - -	GI 130989
18	AAVY	TFMFFSTFY	HACDQP	- - - - -	GI V		1999442
244	SNV	WSLGVTIW	ELFELGA	QPPY	PQHSDRQVL		GI 2459993
17	AA	PLIL-SR	IVGGW-EC	EKHS	- - - - -		GI 130989
41	VFCIMDYDV	-	LQFCDFLGS	LSVWVT	VIAM		1999442
274	AYAVREQQLK	L	PKPQLQLA	LSDRWY	EVMQF		GI 2459993
36	- - - - -	- - - - -	- - - - -	QPV	QVLVA	-	GI 130989
70	ARLQPVVK	- - - - -	QVL	-	YLLGAMLLSMA		1999442
304	CWLQPEQRPTAE	EVHLL	LSYL	CAKGTTELE			GI 2459993
44	SRGRAVC	- - - - -	GGVL	V	- - - - -		GI 130989
92	LQLDRHGLWN	LLGPS	-	L	FALGILATAWTVR		1999442
334	EEFER	- -	WRS	LRPGGSTGL	GSAPAAA		GI 2459993
56	- - - - -	H	PQW	LTAA	- - - - -		GI 130989

FIGURE 2A

121	S	V	R	R	H	C	Y	P	P	T	W	R	R	W	L	F	Y	L	C	P	G	S	L	I	A	G	S	A	V	1999442					
353	T	A	A	S	A	E	L	T	A	A	S	S	F	P	L	L	E	R	F	T	S	D	G	F	H	V	D	S	D	D	GI 2459993				
65	-	-	-	-	-	H	C	-	-	-	I	R	N	K	S	V	I	L	L	G	R	H	S	L	-	-	F	H	P	E	GI 130989				
151	L	L	Y	A	F	V	E	T	R	D	N	Y	F	I	H	S	I	W	H	M	L	I	A	G	S	V	G	F	L	1999442					
383	V	L	-	T	V	T	E	T	S	H	G	L	N	F	E	Y	K	-	W	E	-	-	-	A	G	C	G	A	E	E	GI 2459993				
85	D	T	G	Q	V	F	Q	V	S	H	S	-	-	F	P	H	P	L	Y	D	M	S	L	L	K	N	R	-	F	L	GI 130989				
181	L	P	P	R	A	K	T	D	H	G	V	P	S	G	A	R	A	R	G	C	G	Y	Q	L	C	I	N	E	Q	E	1999442				
418	Y	P	P	S	G	A	A	S	-	S	P	G	S	A	A	R	L	Q	-	-	-	-	E	L	C	A	P	D	S	S	GI 2459993				
112	R	P	-	-	-	-	-	-	-	-	-	-	-	-	-	G	D	D	S	S	H	D	L	M	L	L	R	L	S	GI 130989					
211	E	P	G	P	R	G	P	R	R	G	H	C	Q	-	-	-	-	Q	H	L	C	Q	L	R	G	A	L	G	L	A	1999442				
443	P	P	G	V	V	P	V	L	S	A	H	S	P	S	V	G	S	E	Y	F	I	R	L	E	G	A	V	P	A	A	GI 2459993				
128	E	P	-	-	-	-	-	-	-	-	-	-	-	-	-	A	E	L	T	D	A	V	K	V	M	D	L	-	-	P	T	Q	E	P	GI 130989
237	L	R	G	Y	E	C	F	L	E	F	F	L	G	V	W	S	P	L	R	R	R	Q	A	V	F	L	E	D	M	E	1999442				
473	G	H	D	P	D	C	A	-	-	-	-	-	-	-	-	-	G	C	A	P	S	P	Q	A	V	T	D	Q	D	N	N	GI 2459993			
147	A	L	G	T	T	C	Y	-	-	-	-	-	-	-	-	A	S	G	W	G	S	I	E	P	E	-	-	-	F	L	-	-	T	P	GI 130989

FIGURE 2B

267	S F S R T Q N S S R D L E P F P G H G E L P E G L E S P C I	1999442
495	S - E E S T V A S L A M E P L L G H A P P T E G L W G P C D	GI 130989
169	K K L Q - - - C V D L H V I - - - - - S N D V	GI 2459993
297	M E S F L R T G A Y A G T E S L R T K E S L L Q V W S L S W	1999442
524	H H S H R R Q G S P C P S R S P S P G T P M L P A E D I D W	GI 130989
184	C A Q V H P Q K V T K F M L C - - - A G R W T G K S - - -	GI 2459993
327	D A E P - - - - - S Q D M D S F P G R Q S P V R S	1999442
554	G V A T F C P P F D D P L G A S P S G S P G A Q P S P S D	GI 130989
208	- - - - - T C S G D - - S G G P L V C N G V L	GI 2459993
347	T A S F Q R R W S L S W G N Q I S R F S Q R L S N S G L R L	1999442
584	E E P E E G K V G L - - A A Q C G H W S S N M S A N N N S A	GI 130989
224	Q G - - - - - I T S W G S E P C A L P E R - -	GI 2459993
377	P S Q R Q R L G C A V L - - - - - W R R D C R - M D G A G	1999442
612	S R D P E S W D P G Y V S S F T D S Y R D D C S S L E Q T P	GI 130989
240	P S L Y - T K V V H Y R K W I K D T I V A N P	GI 2459993
400	T G A V W V A G I L V	1999442
642	R A S P E V G H L L S Q E	GI 130989
261		GI 2459993

FIGURE 2C